

NASA Applied Sciences Program

Organizations Related to Agricultural Efficiency

The NASA Applied Sciences Program encourages teams and partnerships across public and private sectors, including national and regional organizations and associations. The following organizations are examples of national or regional associations related to Agricultural Efficiency.

(Note: This list is not exhaustive and is provided for reference and example only. The NASA Applied Sciences Program does not necessarily have established relationships with these organizations, and the Program does not imply endorsement of any organization on this list.)

❖ *Farm Bureau (FB):*

- **Location(s):** Washington, DC (HQ).
- **Mission Statement:** To implement policies that are developed by members and provide programs that will improve the financial well-being and quality of life for farmers and ranchers.
- **Additional Info:** Farm Bureau is an independent, non-governmental, voluntary organization governed by and representing farm and ranch families united for the purpose of analyzing their problems and formulating action to achieve educational improvement, economic opportunity and social advancement and, thereby, to promote the national well-being.
- **Website:** www.fb.org
- **Contact Person:** Bob Stallman, President
Mail: 600 Maryland Ave. SW, Suite 800, Washington, DC 20024
Email: bstallman@fb.org
Phone: (202) 406-3600
Fax: (202) 406-3604

❖ *American Farmland Trust (AFT):*

- **Location(s):** Washington, DC (HQ).
- **Mission Statement:** To stop the loss of productive farmland and to promote farming practices that lead to a healthy environment.
- **Additional Info:** Since their founding in 1980, American Farmland Trust has helped win permanent protection for over a million acres of American farmland. Our hard work and sound strategies unite farmers, environmentalists and policymakers. Their three strategies for protecting America's agriculture are:
 - To protect the best land through publicly funded agricultural conservation easement programs
 - To plan for agricultural growth through effective planning and management
 - To keep the land healthy through encouraging stewardship and conservation practices.
- **Website:** www.farmland.org
- **Contact Person:**
Mail: American Farmland Trust, 1200 18th Street NW, #800, Washington, D.C. 20036
Email: info@farmland.org
Phone: (202) 331-7300
Fax: (202) 659-8339

❖ *American Society of Agronomy (ASA):*

- **Location(s):** Madison, WI (HQ), Washington, DC (policy office), national chapters.
- **Mission Statement:** To encourage the conservation and wise use of natural resources to produce food, feed, and fiber crops while maintaining and improving the environment.
- **Additional Info:** ASA is a non-profit, educational organization that works to promote effective research, disseminate scientific information, facilitate technology transfer, foster high standards of education, maintain high standards of ethics, promote advancements in the agronomy field, and to cooperate with other organizations fostering the same objectives. The Society offers numerous services to its members, including career placements, certifications, educational meetings and conferences, access to publications, and access to awards, fellowships, and grants. It also provides access to information regarding Congressional delegations, policy issues that affect our sciences, and contact information for specific delegations.
- **Sample Reports and Projects:**
 - *Reducing the Risk of Frost Damage to Short-Season Crops (PDF).*
 - *Switching from Straw to Wood Chip Bedding Does Not Increase Greenhouse Gas Emissions from Composted Manure (PDF).*
 - *Using Compost as a Manure Management Alternative (PDF).*
- **Website:** <http://www.agronomy.org/>
- **Contact Person:** David A. Sleper, President-Elect
Mail: 677 S. Segoe Rd, Madison, WI 53711
Email: sleperd@missouri.edu
Phone: (573) 882-7320
Fax: (608) 273-2021

❖ *Council for Agricultural Science and Technology (CAST):*

- **Location(s):** Ames, IA and Washington, DC
- **Mission Statement:** To assemble, interpret, and communicate science-based information regionally, nationally, and internationally on food, fiber, agricultural, natural resource, and related societal and environmental issues to stakeholders--legislators, regulators, policy makers, the media, the private sector, and the public.
- **Additional Info:** CAST is a nonprofit organization composed of scientific societies and many individual, student, company, nonprofit, and associate society members. The organization aims to lead the agricultural field to high efficiency and security through discovery, development, and implementation of new science-based information and technologies. CAST views public input as a critical role in decisions related to agricultural technologies, practices, and innovation; subsequently, the Society's efforts aim to provide accurate information and education to help form the public's views.
- **Website:** <http://www.cast-science.org/>
- **Contact Person:** Kathy S. Buhman, Office Manager
Mail: 4420 West Lincoln Way, Ames, IA 50014-3447
Email: kbuhman@cast-science.org
Phone: (515) 292-2125, Ext. 25
Fax: (515) 292-4512

❖ *Sustainable Agriculture Research and Education (SARE):*

- **Location(s):** Washington, DC (HQ); Beltsville, MD (Regional Office); Lincoln, NB (Regional Office); Burlington, VT (Regional Office); Griffin, GA (Regional Office); Logan, UT (Regional Office)

- **Mission Statement:** To help advance farming systems that are profitable, environmentally sound and good for communities.
- **Additional Info:** SARE has been active since 1988 and works to disseminate information, provide educational grants, publish information, and to assist the public with common issues to help accomplish their mission. Their grants program is assisted by the USDA's Cooperative State Research, Education, and Extension Service. The Sustainable Agriculture Network (SAN) is the national outreach arm of SARE that operates under a cooperative agreement with CSREES to develop and disseminate information. SAN provides a variety of print and electronic resources for farmers, agricultural educators, and consumers. SAN also hosts an agricultural list-serve with over 600 subscribers located worldwide.
- **Website:** www.sare.org
- **Contact Person:** Jill S. Auburn, SARE Director
Mail: Stop 2223, 1400 Independence Ave. SW, Washington, D.C. 20250-2223
Email: jauburn@csrees.usda.gov
Phone: (202) 720-5384
Fax: (202) 720-6071

❖ *American Council for an Energy-Efficient Economy (ACEEE):*

- **Location(s):** Washington, DC (HQ)
- **Mission Statement:** To advance energy efficiency as a means of promoting both economic prosperity and environmental protection.
- **Additional Info:** ACEEE concentrates on various aspects of the environment, including transportation, industry, buildings, and agriculture. Its mission in the field of agriculture is to analyze and promote technologies, process innovations, and policies for increasing the energy efficiency and competitiveness. The Council examines energy efficiency trends, the potential for process modernization and efficiency improvements in manufacturing, the potential productivity gains from energy efficiency and pollution prevention measures, and policies and programs for accelerating efficiency improvements. It also facilitates communication among the energy efficiency, government, and business communities and offers a unique perspective that blends engineering and environmental expertise. ACEEE explores the synergies of energy efficiency and sustainable business practices and how they can strengthen the corporate bottom line.
- **Website:** <http://www.aceee.org/index.htm>
- **Contact Person:**
Mail: 1001 Connecticut Avenue, NW Suite 801, Washington, DC 20036
Email: info@aceee.org
Phone: (202) 429-8873
Fax: (202) 429-2248

❖ *Windustry:*

- **Location(s):** Minneapolis, MN (HQ)
- **Mission Statement:** To create an understanding of wind energy opportunities for rural economic benefit.
- **Additional Info:** Windustry is a non-profit organization that accomplishes its mission by providing technical support and creating tools for analysis. They address barriers to wind energy by building collaborations with rural landowners, local communities and utilities, as well as state, regional and non-profit organizations. Windustry has provided high quality wind energy information to varied audiences of farmers, rural landowners, elected

officials, utility representatives, community planners, farm management educators, and bankers since the mid-1990s. Windustry is committed to seeking solutions that benefit rural landowners and communities; they believe that wind energy provide clean, emissions-free, locally produced electricity, and also creates economic development in the form of new jobs, new industry, new revenue through electricity sales, and associated growth and spending. Windustry seeks to promote wind energy in ways that help capitalize on these opportunities to diversify and revitalize rural economies.

- **Website:** <http://www.windustry.com/>
- **Contact Person:** Lisa Daniels
Mail: 2105 First Avenue South, Minneapolis, MN 55404
Email: lisadaniels@windustry.org
Phone: (612) 870-3462
Fax: (612) 813-5612